Spec #

Quantity

## Models:

### CBF100/CBF150/CBF200

### Automatic Backwashing Filters

## Applications:

- Treatment

## At a Glance:

CBF Systems deliver a fully automatic and highly dependable control valve, which helps minimize energy and water waste. It is designed to accommodate a variety of media to help address your specific water improvement needs.

**CBF Series**

## Product Benefits:

- Premium water-efficient control valve manufactured from composite materials and designed to provide high flow rates over a wide range of applications. Provides long-lasting operation and is fully adjustable, allowing maximum flexibility for specific water conditions and usage patterns.
- Fully automatic operation provides a reliable design and simple programming for ease of use.
- Patented one-piece mineral tank has no glue joints or heat welded seams to crack or rust. Semi-transparent fiberglass mineral tank allows for media level check without disassembly.
- Washed quartz underbed provides extra filtration and enables proper cleaning of filter media.
- Unique bypass valve with state of the art design features.

## Product Specifications:

| Model No. | Media (Cu. Ft.) | Min. Space Required W x D x H | Flow Rate | |
|---|---|---|---|---|
| | | | Service | Backwash |
| CBF100 | 1.0 | 10” x 16” x 53” (25.4 cm x 40.6 cm x 134.6 cm) | 3 gpm (11.4 lpm) | 5.3 gpm (20.0 lpm) |
| CBF150 | 1.5 | 10” x 16” x 63” (25.4 cm x 40.6 cm x 160.0 cm) | 3 gpm (11.4 lpm) | 5.3 gpm (20.0 lpm) |
| CBF200 | 2.0 | 12” x 16” x 63” (30.5 cm x 40.6 cm x 160.0 cm) | 4 gpm (15.1 lpm) | 7.5 gpm (28.4 lpm) |

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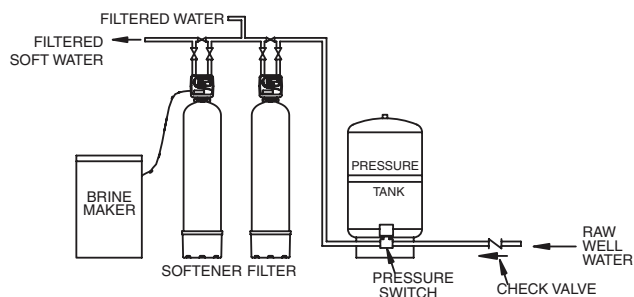
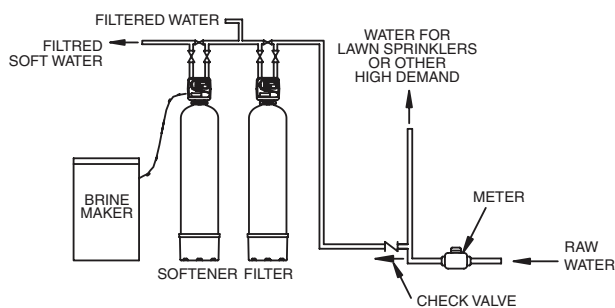
Part Number

## Physical Specifications:

| Media Selection | |
|---|---|
| **Media** | **Application** |
| Activated Carbon | Chlorine Taste & Odor, Organics, Dechlorination |
| Birm® | Iron (Water must be rich in dissolved oxygen) |
| Filter-Ag® | Turbidity Reduction (20 micron) |
| Filter Sand | Precipitated Iron, Turbidity |

NOTES:

1. CBF series filters could be used to neutralize acid water. However, UN Series filters are better suited for this purpose.
2. When using Filter Ag or Filter Sand for the reduction of turbidity, the suspended solids causing the turbidity must have a density less than the material being used as a filtering agent.

## Typical Installation:

**CAUTION: These diagrams shown are for reference purposes only. Read installation and operation manual prior to installing the unit.**

Covered by one or more of the following U.S. Patents: 5,699,930; 5,584,411

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